



Winston H. Hickox  
Agency Secretary

# Air Resources Board

Alan C. Lloyd, Ph.D.  
Chairman

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Gray Davis  
Governor

## Attachment 1

[Date]

[Manufacturer and Address]

Dear Mr./Ms. [Name]:

The Air Resources Board (ARB) has received your submittal for the review of your [ECS name] system. The emission control system (ECS) has been reviewed for use in the following application(s) and engine family(ies):

Application A	Application B	Engine family A	Engine family B
Application C	Application D	Engine family C	Engine family D
Application E	Application F	Engine family E	Engine family F

The provided data show that when the [ECS name] is retrofitted to an engine from the above engine family(ies), and used in any of the application(s) listed above, emissions from the engine can be reduced [‘by at least XX% YY’ or ‘to at least XX grams YY/bhp-hr’, where YY is PM and/or NO<sub>x</sub>] for an emissions durability of XXX,XXX miles. To achieve the reduction in emissions, the sulfur content of the diesel fuel shall be no greater than XX parts per million (ppm) by weight. If the recommended inspection and maintenance procedures are followed, the ECS holds a manufacturer’s defects warranty period of XXX,XXX miles.

Since there may be variation in driving conditions, we recommend review of actual vehicle operating conditions (actual duty cycle, baseline emissions, engine backpressure, exhaust temperature profiles, engine loading, fuel consumption, and fuel sulfur), prior to retrofitting a vehicle(s) with the ECS, to ensure proper operation of the ECS.

Should you have any questions or comments, please contact Mr. Michael Carter, Chief, Emission Research and Regulatory Development Branch, at (626) 575-6632.

Sincerely,

Robert H. Cross, Chief  
Mobile Source Control Division